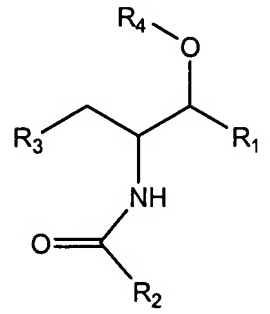
Amendment to the Claims

Please amend Claims 1, 5, 12, and 24 as follow:

1. (Currently amended) A compound selected from the group consisting of the formula:



wherein R_1 is an aromatic structure, an alicylic structure, a branched aliphatic structure or a linear aliphatic group having 5 to 15 carbons; ~~and~~

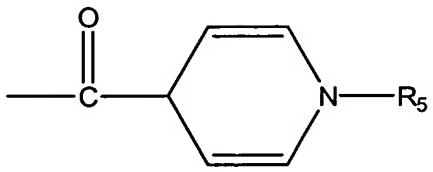
R_2 is an aliphatic chain having ~~2 to 18~~ 6, 7 and 8 carbons;

R_3 is a tertiary amine; and

R_4 is a group that is selectively hydrolyzed in a target cell.

2. (Original) The compound of Claim 1 where R_3 is pyrrolidino.

3. (Original) The compound of Claim 1 wherein R_4 is selected from the group consisting of an acetyl, $-CO(CH_2)_nCH_3$ wherein n is at least 1 and



and wherein R_5 is an alkyl group.

4. (Original) The compound of Claim 1 where R_1 is 4-hydrophenyl.

5. (Presently amended) The compound of Claim 1 where R_1 is ~~3,4-ethylenedioxy~~ 3',4'-ethylenedioxy-1-phenyl.

6. (Original) A method for inhibiting the growth of cancer cells in a mammal comprising the step of administering to the mammal a therapeutically effective amount of a composition comprising the compound of Claim 1 and pharmaceutically acceptable salts thereof.

7. (Original) A method for treating a patient having sphingolipidosis by reducing glycosphingolipid synthesis comprising the step of administering to the patient a therapeutically effective amount of a composition comprising the compound of Claim 1 and pharmaceutically acceptable salts thereof.

8. (Original) A method for treating a patient having a microbial or viral infection comprising the step of administering to the patient a therapeutically effective amount of a composition comprising the compound of Claim 1 and pharmaceutically acceptable salts thereof.

9. (Original) A method for treating a patient having a drug resistant tumor, comprising the step of administering to the patient a therapeutically effective amount of a composition comprising the compound of Claim 12 and pharmaceutically acceptable salts thereof.

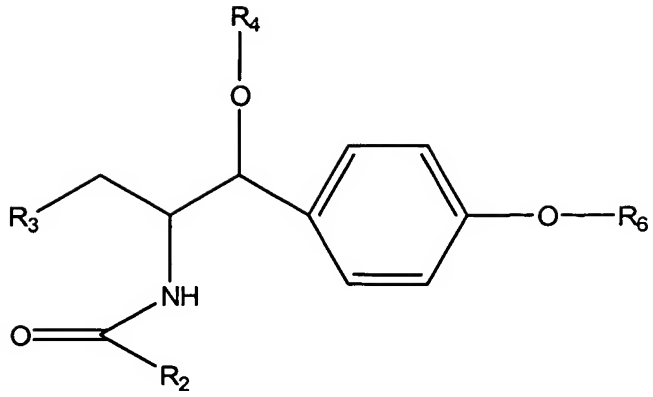
10. (Original) A method for reducing tumor angiogenesis in a patent comprising the step of administering to the patient a therapeutically effective amount of a composition comprising the compound of Claim 1 and pharmaceutically acceptable salts thereof.

11. (Original) A vaccination method comprising the steps of:

a) removing cancer cells sensitive to the compounds below from a patient:

b) treating the cancer cells in vitro with an effective amount of a composition comprising the compound of Claim 1 and pharmaceutically acceptable salts thereof.

12. (Currently amended) A compound selected from the group consisting of the formula:



~~wherein R_1 is an aromatic structure, an alicylic structure, a branched aliphatic structure or a linear aliphatic group having 5 to 15 carbons; and~~

R_2 is an aliphatic chain having ~~2 to 18~~ 6, 7 and 8 carbons;

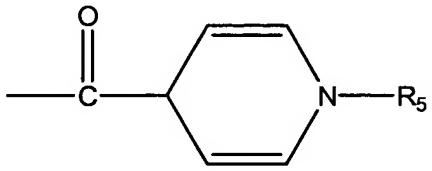
R_3 is a tertiary amine;

R_4 is a group that is selectively hydrolyzed in a target cell or a hydrogen; and

R_6 is a group that is selectively hydrolyzed in a target cell.

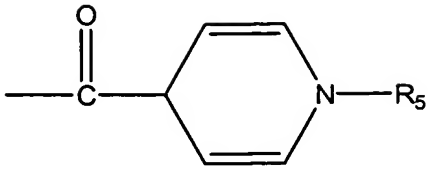
13. (Original) The compound of Claim 12 wherein R_3 is pyrrolidino.

14. (Original) The compound of Claim 12 wherein R_4 is selected from the group consisting of an acetyl, $-CO(CH_2)_nCH_3$ wherein n is at least 1 and



and wherein R_5 is an alkyl group.

15. (Original) The compound of Claim 12 wherein R_6 is selected from the group consisting of an acetyl, $-CO(CH_2)_nCH_3$ wherein n is at least 1 and



and wherein R_5 is an alkyl group.

16. (Original) The compound of Claim 12 wherein R_1 is 4-hydroxyphenal.

17. (Original) The compound of Claim 12 wherein R_1 is 3,4-ethylenedioxy.

18. (Original) A method for inhibiting the growth of cancer cells in a mammal comprising the step of administering to the mammal a therapeutically effective amount of a composition comprising the compound of Claim 12 and pharmaceutically acceptable salts thereof.

19. (Original) A method for treating a patient having sphingolipidosis by reducing glycosphingolipid syntheses comprising the step of administering to the patient a therapeutically effective amount of a composition comprising the compound of Claim 12 and pharmaceutically acceptable salts thereof.

20. (Original) A method for treating a patient having a microbial or viral infection comprising the step of administering to the patient a therapeutically effective amount of a composition comprising the compound of Claim 12 and pharmaceutically acceptable salts thereof.

21. (Original) A method for treating a patient having a drug resistant tumor, comprising the step of administering to the patient a therapeutically effective amount of a composition comprising the compound of Claim 12 and pharmaceutically acceptable salts thereof.

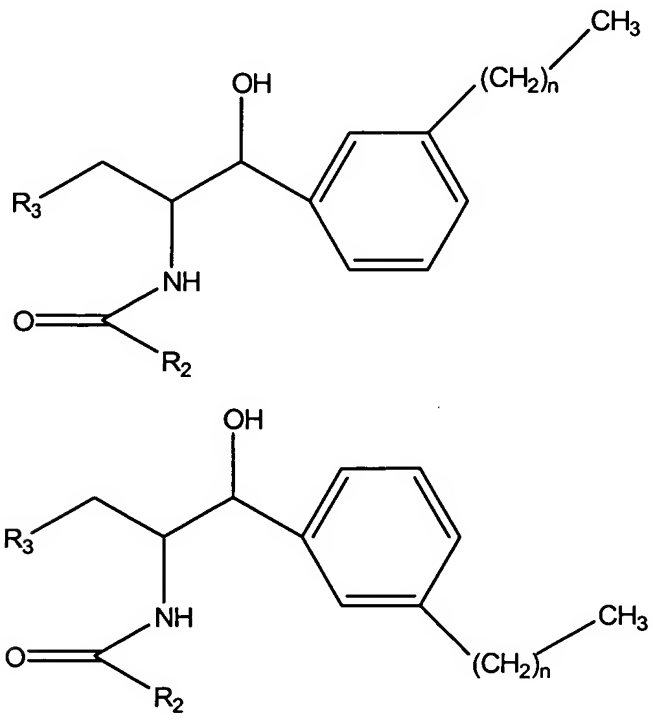
22. (Original) A method for reducing tumor angiogenesis in a patient comprising the step of administering to the patient a therapeutically effective amount of a composition comprising the compound of Claim 12 and pharmaceutically acceptable salts thereof.

23. (Original) A vaccination method comprising the steps of:

a) removing cancer cells sensitive to the compounds below from a patient;

b) treating the cancer cells in vitro with an effective amount of a composition comprising the compound of Claim 12 and pharmaceutically acceptable salts thereof.

24. (Currently amended) A compound selected from the group of the formulas:



~~where~~ wherein R2 is an aliphatic chain having ~~2 to 18~~ 6, 7 and 8 carbons;

n is an integer from 1 to 19; and

R3 is a tertiary amine.

25. (Original) The compound of Claim 24 wherein R3 is pyrrolidino.

26. (Original) A method for inhibiting the growth of cancer cells in a mammal comprising the step of administering to the mammal a therapeutically effective amount of a composition comprising the compound of Claim 24 and pharmaceutically acceptable salts thereof.

27. (Original) A method for treating a patient having sphingolipidosis by reducing glycosphingolipid synthesis comprising the step of administering to the patient a therapeutically effective amount of a composition comprising the compound of Claim 24 and pharmaceutically acceptable salts thereof.

28. (Original) A method for treating a patient having a microbial or viral infection comprising the step of administering to the patient a therapeutically effective amount of a composition comprising the compound of Claim 24 and pharmaceutically acceptable salts thereof.

29. (Original) A method for treating a patient having a drug resistant tumor, comprising the step of administering to the patient a therapeutically effective amount of a composition comprising the compound of Claim 24 and pharmaceutically acceptable salts thereof.

30. (Original) A method for reducing tumor angiogenesis in a patient comprising the step of administering to the patient a therapeutically effective amount of a composition comprising the compound of Claim 24 and pharmaceutically acceptable salts thereof.

31. (Original) A vaccination method comprising the steps of:

a) removing cancer cells sensitive to the compounds below from a patient;

b) treating the cancer cells in vitro with an effective amount of a composition comprising the compound of Claim 24 and pharmaceutically acceptable salts thereof.